

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [9157] "72" & "QRPP" & ARRL
Message-ID: <19970117.182305.4447.1.wa5whn@juno.com>

WOW ! "72" & "QRPP" arrive the same day. I will be locking myself in the porcelain palace for a quiet moment, to read both of these fine Journals. (Well done Dennis & Doug). With the recent arrival of cold Wx (ARRL Hq. Gang is in town, at the Marriott, they must of brought this wx with them), QRP Journals in hand, & 1 radio on the bench, all I need now is a copy of Tom Clancy's book, "Executive Order". I will monitor 7,040 KHz, and it's like Christmas all over again. :-)

AC5AM reveals his secret weapon, in "72". The "secret weapon" that had allowed him to win the "QRP AField" event. Nice going Bob. "QRPP" is full of wonderful articles.

72...Jay, WA5WHN, Grid Square: DM65qd, Albuquerque,
NM

(Don't forget to pick up Your' 2 book trilogy;
"Huked on Ebonix" & "Pig Latin as a 2nd language")

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [9198] 38 spc1
Message-ID: <199701182034.PAA09697@mx05.erols.com>

Another 38spc1 is up and running.... Yeeeeeepppppieeee.

I am having problems locating parts for the mods though.
Cant find a 1K pot, 4-40 nylon screw, 6.8uh choke, and the
1rf510 transistor, Radio Shack has one marked 1FR510, could
be a typo.

If anyone has these parts and would like to sell them,
please let me know.

Anyone want to try a sked this weekend QRPP on 30 meters????

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
QRP Nut SWL Truck Pilot
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80, all Sensational rigs.

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: sigcom@juno.com (Stephen M Smith)
Subject: [9181] 38S: It's here!
Message-ID: <19970118.073021.8287.3.sigcom@juno.com>

wow, Wow, WOW! It's here!!

Ori, Dave, Paul, Preston, Doug and Jim: Thank you all. What a terrific job. What a fine design, manual, P.C. board and package. Work load permitting, I hope to be on the air this weekend. Thanks again.

73.....Steve, WB6TNL

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [9207] 38S: RS IFR510 vs IRF510
Message-ID: <199701182348.QAA28014@zia.aoc.nrao.edu>

After blowing up my first IRF510 on the 38S, went to our Radio Shack for another. THEY ARE MISLABLED as IFR510, not IRF510. Didn't even notice the first time around. But the 60V MOSFET Radio Shack has (IFR510) is indeed the IRF510. It is labeled correctly on the component, of course, just wrong on the packaging.

I will be playing with the IRF510 mod later tonight. The circuit as published seems to work well at 12V (using my bench supply), but as Mike K1MG noted, the biasing is sensitive enough that when you use a charged battery, like at 13.5v, the IRF510 takes a hit. I had also direct-coupled mine to the 38S (no coupling capacitor) to drive it class C. I will revert to that and check things on the spectrum analyzer for more definitive information shortly.

Enjoy,
Paul Na5n

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: John Fletcher <johnf@innotts.co.uk>
Subject: [9173] 40-9er PCB
Message-ID: <199701181020.KAA22668@carlton.innotts.co.uk>

Howdy All!

Some time ago I found the PCB layout for the 40-9er on NorCal's Homepage.
Now I want to build one and I can't find the layout. Is it still on the Net?
Can anyone tell me where? Many thanks.

John G4EDX

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Valve Watts Go Further!

72 de John G4EDX G-QRP Club No. 2038

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From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bill Todd <bill@techline.com>
Subject: [9172] Check your date for NW QRP Contest
Message-ID: <1.5.4.32.19970118193001.006b784c@mail.techline.com>

Folks - Just a reminder that QST got the date WRONG on the
NW QRP Club Digital Contest. The date of the test is on
February 1st.

Here are the "Offical" rules or the test. Please note that we are
using the power level of QRP to mean 5 watts.

If you cannot make reliable contacts with 5 watts, you are free to use
10 watts (maximum), and you will still be welcome to join in the contest.
Please indicate power level when you send in your Log.

Announcing the First NorthWest
QRP Club Digital Contest

Date:
Saturday - February 1, 1997

Time:
2/1/97 17:00 UTC to
2/2/97 05:00 UTC

Freq:
80 thru 10 meters (no WARC bands)
Note On 20 meters, use Amtor or
Pactor from 14065 to 14080, and
baudot RTTY from 14080 to 14090.
Do NOT transmit below 14065

Mode:

Use Baudot, Pactor or Amtor only
(HF Packet requires too many repeats)

Power:

QRP = Running 5 watts or less
(or) Running 10 watts pep or less (maximum)

Exchange:

RS(T), NW QRP Member # (or power output
if non-member), State/Province/Country

Scoring:

Submit the best 6 hours of the 12 hour contest for scoring.

5 pts each for contacting NW QRP Club Member

3 pts each for contacting non-NW QRP Member

Classes:

A. Single Operator (single transmitter)

B. Multi-Operator (single transmitter)

C. Club (single transmitter)

Awards:

Top over-all winner (all call areas)

Top DX entry

Top score from each US Call Area

Top Club Score

Submit your log by February 31, 1996 to:

Stan Yarema, KG7ME

NW QRP Club Contest Editor

3457 12th West

Seattle, WA 98119

(or) send E-Mail version of your log to: n7mfb@juno.com

TIPS FOR DIGITAL OPERATING

1. When operating baudot RTTY be sure that
you are set up for normal TX/RX (not reversed).

2. Set your R-Baud rate to 45 for most
RTTY contest QSO's.

3. When operating digital modes on HF always
use LSB (no matter what baud you happen to be using).

4. If you are using a rig that only has Audio Frequency Keying (which would include most QRP rigs with SSB capability), you need to connect the TNC to the mic jack of your transmitter.
5. Turn off your "Notch" filter, and if you have a Pass Band Tuning control, turn all the way clockwise to reduce adjacent QRM.
6. If you still have problems setting up your TNC and rig, contact N7MFB at the club address or E-Mail me at n7mfb@juno.com and I'll try to help.

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [9168] Did you know that HW-8's and HW-9's are solid state<g>
Message-ID: <8D0456B.00040019F4.uuout@cheaha.com>

Tnx to Dave Adams for pointing out the fact of this messages topic.
He pointed out my ignorance to me in a very simple, qrp kind of way.
Tnx agn Dave, you were very kind. :)

Well, I didn't really know that these rigs were solid-state. For some reason I had it stuck in my (leave me alone...Nils, call these badgers back home!) mind that they were tube rigs. I guess maybe the era they were produced in somehow made me assume they were tube-rigs. Something did...maybe it was the badgers...yeah, that's it...the badgers!

So, everybody....I'm *not* in the market for one of the HW's.
Just wanted to show off my newbie ignorance, I guess. :)

Well, gotta go get another quilt. It only got down to 20 degrees last night, but it's supposed to be colder tonight. Sleeping beside the mailbox waiting for the mailman to bring the NC38S package is beginning to tell on me....but, NO...I will not give up my watch!!! I'll be here till he lays the package in my cold, shivering hand! <Nils, send one of them badgers back....>

72/73
Ed Welch KF4KRV
QRP-L #873
Luverne, Alabama
Crenshaw County - Grid EM61

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [9186] For sale--PSC modules
Message-ID: <Pine.BSI.3.93.970118113650.4247A-100000@u1.abs.net>

I have a few power splitter/combiner modules from Mini Circuits for sale. Saw them at a hamfest and couldn't pass them up--I'm always a sucker for Mini Circuits modules! If interested in one of them, let me know and we'll work out details and price, which will be reasonable, compared to the prices in their catalog!

All of these are in the same size metal case as their SBL-1 mixer, the plug-in style. These are not the connectorized versions, but you could put them in a little box with some BNCs on it and make a little circuit board to hold the module.

1 each: PSC2-1; 2 way, 0 degree phase shift, 50 ohms, rated at 0.1 to 400 MHz. Being a 2 way device, the input is split evenly between two outputs and thus each output is 3 dB down from the input (plus a small insertion loss which is frequency dependant).

3 each: PSC3-1; 3 way, 0 degree phase shift, 50 ohms, rated at 1 to 200 MHz. Being a 3 way, each of the 3 outputs is 4.8 dB down from the input (plus insertion loss). If you need a two port device for something like receiver testing, etc, you simply terminate the third port with a 50 ohm load. (Sorry, the two remaining outputs still remain at 4.8 dB down from the input! However, if that's a problem it can be compensated for by increasing the input level a bit or by cranking a different figure into your calculations.)

2 each: PSC4-1; 4 way, 0 degree phase shift, 50 ohms; rated 0.1 to 200 MHz. A 4 way device, each output is 6 dB down (plus insertion loss) from the input. As with the 3 way, terminate any unused ports with 50 ohms.

1 each: PSCQ2-400; the added "Q" is for "quadrature"--2 way, 90 degree phase shift, 50 ohms; frequency range is 250 to 400 MHz.

(Sorry, the TFM-2 mixer that was in the same hamfest batch is NOT

for sale!)

These things aren't used as much as toroids, so I expect this offer to take a lot longer to run out than my last one :-)

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: AC6JA@aol.com
Subject: [9182] For Sale: KENWOOD TS-450SAT W/SPKR
Message-ID: <970118103915_1792228403@emout19.mail.aol.com>

have for sale a kenwood ts-450sat with built-in antenna tuner. rig is in excellent shape and have all original packing material, boxes, plastic, etc. i am the original owner and could probably even scrounge up the receipt from HRO if asked. i also have the matching sp-23 speaker included in the package. am asking \$900.00 for both and will ship. if interested, you can e-mail me at AC6JA@AOL.COM or call at 415-573-7720. oh, the rig is stock, no optional filters have been installed.
thanks!

Mike AC6JA

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [9160] FS Again:OHR 40/20 Classic
Message-ID: <970118030932_70511.3041_IHD85-1@CompuServe.COM>

Gang:

The OHR Dual 40/20 QRP transceiver is available again. The guy who spoke for it changed his mind today.

This outstanding QRP transceiver covers *both* 20 and 40 metres. It comes completely assembled, ready-to-go. No building required.

Can be adjusted easily from 0-5 watts with knob on back panel. Very quiet, sensitive, selective. Has RIT, plenty of audio. Would be easy to transport to the field due to its light weight and compact size/shape. Pristine condition, absolutely unmarked case.

->Includes the OHR built-in keyer. Also has jack for manual key or outboard keyer.

Price = only \$170, including UPS shipping anywhere in Continental USA. I will also include at no extra charge a 2500mAh gel cell if you need it.

72/73,
--Doc/K0EVZ QRP-L #861

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: AlK0FRP@aol.com
Subject: [9171] FS OHR Classic
Message-ID: <970118010946_240237326@emout06.mail.aol.com>

For sale: OHR Classic 40 and 20 meter xcvr. Has keyer option, made some improvement mods. no more chirp, and the crystals were replaced to improve RX. Had problems in a batch of old crystals according to OHR.
\$190.00 shipped to 48.

Has some scratches on top but good otherwise. It has been in some gud HB contests and fair well. I use an extra 6:1 external jackson drive to make tuning a bit slower in contests.

Wanted a Sierra and KC2 so if there is a good one out there I'll bite when this sells.

Or even trade plus bucks.

Al K0FRP

will give phone number upon request. I'll be home this weekend trying to work VK0IR on Heard Is. on qrp (and i will do it.!!!)

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [9167] FSFD (50 States) Update for Jan 18
Message-ID: <199701180412.XAA14361@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 20. Below is a the schedule of States for the next few days. We will attempt to provide digested schedules of states/times/bands/freqs. to help reduce message traffic to the reflector. Typically, only 1 message per day.

ALL TIMES UTC

Jan. 18 Saturday LOUISIANA #2, K5RV, Brian
1600-1730 SAT-UTC 14.055-60

| Look at MI-QRP Contest this weekend; Info-Jan QST |
| or: <http://www.geocities.com/capecanaveral/2844/miqrp.htm> |
| Start 1/18/97 End 2359 1/19 |

Jan. 18 Saturday MAINE WA5CVM, Joel 0000-0300 SUN-UTC 7.040
0300-0400 SUN-UTC 3.560

Jan. 19 Sunday MAINE, WA5CVM, Joel 0400-1300 OPEN See Note
1300-1400 UTC 7.040
1700-1900 10.115
1900-2200 10.060
2200-2400 7.040

Joel will handle special requests: email jdenison@aisp.net
or (non-collect) 1-207-778-5099

Joel will work until 15 minutes after top of the hour if no reply

Jan. 20 Monday MARYLAND NF3I, Scott TBA

N3REY, John 1000-1200 MON-UTC 3.555
1201-1300 7.042
1301-1400 10.116
2000-2200 10.116
0001-0200 TUE-UTC 7.042
0201-0300 " " 3.555

Jan. 21 Tuesday MASSACHUSETTS WA1QVM 2000-2100 UTC 14.057
Joel 2100-2200 UTC 10.108
2200-0100 7.037
0100-0200 WED-UTC 3.557

KANSAS KANSAS WA0EAF, Gary 0100-0300 WED-UTC 7.040
0330-0500 WED-UTC 10.110

If 30M dead, then 3.560

KANSAS KB0PZD, Bruce 2100-2300 UTC 14.060
2300-0100 7.040

KG0MZ, John 0500-0600 WED-UTC 3.560

Jan. 22 Wed. MICHIGAN WA8LCZ, Byron 2000-2200 UTC 14.060-062
2200-0000 7.041-043

NOTE: Byron will also do MI on 0000-0500 THUR-UTC 3.697-700
Jan. 25 on 18.085 15-2000z

WA8CDU WA8CDU, Bill 2200-2400 UTC 14.060-062
0000-0200 THUR-UTC 7.038-040

W8KC, Paul TBA

W8RU, Ron TBA

Jan. 23 Thursday MINNESOTA K0EVZ, Doc

N0UR, Jim 2000- UTC 14.060
Let's keep Jim Busy. 2100- UTC 10.116
He'll stay on as long 2200- UTC 7.040
as the calls keep coming. 0100- FRI-UTC 3.580

Jim will check 21.060 @ 15 minutes past the hour starting 2000 UTC

WEST VIRGINIA K5IID/8 0100-0330 FRI-UTC 7.055
0345-0500 FRI-UTC 3.535

Jan. 24 Friday WEST VIRGINIA K5IID/8 1230-1300 UTC 3.565
Tom will be active all day, 1330-1400 7.055
signing K8IID/8/WVA and ck 1500-1530 10.110
Novice segments of active 1530-1630 14.045
band at 15 min past the hr. 1700-1730 21.065
Sugg. 7.112 & 3.708 MHz. 1730-1800 28.065
Tom will also be available on the 160M contest Friday night

MS MISSISSIPPI K5XU, Mike 0100-0330 SAT-UTC 7.042

Most every sign-up came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
we give those not on QRP-L an indication of what we're doing. FSFD type
calling might be too cryptic for all but ourselves. However 'FS' is fine
when busy. Exchange RST, State/Province/Country, and Name. Power level is
nice to know.

ALASKA & HAWAII: Jim-AL7FS is back from Hawaii and will activate ALASKA as
soon as KL7Y's 40M beam repairs are complete. Watch for Jim's postings.
Thanks to him for the HI effort.
KB0ROL is in HAWAII until Jan. 25 and will post his time/freq info to the
group when ready. Best guess is Thursday 0200-0400 UTC on 20M or 40M. More
info soon.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
congress@magpage.com
Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: n4js@amsat.org
Subject: [9190] FSFD-LA
Message-ID: <XFMail.970118130252.n4js@amsat.org>

I have that darn flu bug that's going around, so didn't get on much yesterday.
I figured I missed Brain, but at 1720Z I turned the rig on, and didn't touch
the dial on 20. There he was 599!

Let me apologize, tho. Brian probably thinks I'm a bit dippy. (Well, maybe I am
:-) As we were finishing up, my Beagle started her hysterical barking right at
the shack window, at a squirrel outside. That's why I had trouble getting the NR
business. I couldn't hear myself think, even with headphones! Anyway, you
REALLY did have a 599 sig in here. FANTASTIC! (On the QRP+ meter).

Sent at 13:02:52 on 18-Jan-97

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(N)(4)(J)(S)
 _/ _/ _/ _/

John L. Sielke n4js@amsat.org NJ - FM28LN

n4js@pobox.com n4js@hotmail.com n4js@n4js.ampr.org
http://www.pobox.com/~n4js
QRP-ARCI #9328 QRP-L #884 QCWA FISTS #2781 NE-QRP #507 G-QRP #9544

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>
Subject: [9193] FSFD: KY Log (using Mountain-top Inv-Vee & 1,250' CATV
Message-ID: <3.0.32.19970118133012.006858d0@pcc-uky.campus.mci.net>

Hi everyone,

Thanks to everyone who called hope you enjoyed it as much as I did. Anyone needing a QSL card can email me or send your card; I don't have any new cards yet with my new call sign but can doctor up the old KE4KDT cards. I realize that some of you already had KY or had worked me before so I appreciate the participation.

Here is a rundown of my station and contacts logged:
Kenwood TS-850SAT, 5 W, 40M Inv-Vee in a tree on top of mountain (elev. 1,080') behind my house fed with 1,250 feet (yes!) of 1/2" CATV hardline (ridiculous antenna/feedline :-).) On 80, 30, and 17M used 160M inv-vee up 100ft.

*30 Q's total: 16 states + Ontario; 80M=10; 40M=17; 30M=3; 17M&20M=Nil
*By State: TX=5; AZ,MA,AR=3; NY,FL,MI=2; others=1 each
*Best condx were on 40M & 80M after 00:00Z till 40M died at abt 03:00Z

	CALL	RST	STATE	NAME	PWR	BAND/Comments

	80 METERS					
1.	KU4AF	439	NC	John	1 W	
2.	K4NK 339	SC	Les	4 W		
3.	VE3JC	599	ON	John	5 W	
4.	WB9LKC	439	WI	Ray	4 w	
5.	K1CL 459	MA	Chuck	5 W		
6.	K2SJB	559	NY	Dave	5 W	** (Worked on other bands)
7.	K4WZ 599	GA	Ron	5 W		
8.	K3QIO	559	DE	Jim	5 W	
9.	WA1VQM	569	MA	Joel	4 W	**
10.	W8LRM	549	MI	Al	5 W	
	40 METERS					
11.	K5ID 549	AR	Ken	5W		
12.	K2SJB	569	NY	Dave	5W	**
13.	K4VNQ	599	AL	Jim	100W	
14.	WA8LCZ	579	MI	Byron	5W	

15.	N9WGO	599	IL	Bob	100W	
16.	KA5T 449	TX	Larry		5W	
17.	AC5AM	339	LA	Bob	4W	
18.	WA1VQM	449	MA	Joel	5W	**
19.	AF5Z 449	TX	Bob		4W	
20.	KK7BD	339	A	Dan	5W	
21.	K4GXY	549	FL	John	75W	
22.	W7KXB	449	AZ	Bill	4W	
23.	W9KI 549	AR	Howard		5W	**
24.	W5KDJ	569	TX	Wayne		75W
25.	KI7MN	229	AZ	Bob	5W	
26.	W5HNS	459	TX	Henry		5W
27.	K3ETS	339	TX	Dennis		5W

30 METERS

28.	W9KI 569	AR	Howard		5W	**
29.	K1PUG	569	CT	Hank	-	
30.	N4BP 229	FL	Bob		5W	

If any of you catch typos, let me know. Wish I had a better antenna setup so more of you could have heard me. Anyone who still needs KY just drop me a line and will be happy to set up a sked. Most guys in Eastern U.S. already have KY or have worked me before. QSL my old call - KE4KDT - address is same.

Best 72 to all,

de KC40, Roy Boggs Prestonsburg, KY (ex KE4KDT)

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
 From: N9DD@aol.com
 Subject: [9200] FSFD: Results N9DD Indiana (long)
 Message-ID: <970118170643_1311347193@emout14.mail.aol.com>

Hi Gang:

Sorry this took so long. I was the FSFD rep from Indiana on Tuesday, January 14th.

I didn't make alot of contacts, but I took the afternoon off work and had a fun day of playing radio.

I started on 20 meters and quickly worked KA5T followed by N4BP. Bob in Florida had a great 599 signal. A couple QSOs were with stations who probably didn't know anything about FSFD. I tried to explain what was going on when I felt that was the situation. The FISTS net prompted me to QSY and I worked only 1 more station on 20 - N5DUQ. Burl was running 10 watts and gave me his

ARCI number.

I was a bit more succesful on 30 meters. What a great QRPer's band. N4BP and KA5T were there again, as well as a few QRO types. It was nice to work K3QIO there, and I finished with a short DX QSO with C08LY.

I really expected 40 meters to generate alot of QSOs. At 0130 I called CQ and readied my pen to copy down the hord of callsigns to come. Nothing. I called again. Nothing. Again and again - nothing. I couldn't believe how bad conditions were. I tuned around a bit and heard V31RG in Belize calling. I answered his CQ and got him! I guess the band was loooooong. There was a FOX on that night. I listened hard for him, but only heard a few callers. I went back to calling CQ WAS CQ FSFD and managed to work K4NK for my only "official" FSFD QSO on 40.

80 meters was fun. I qualified for my "3 Band worked KA5T" award (nice going Larry - with the tough conditions and all). I wasn't hearing any more callers, so I tuned around a bit and heard a CQ from KQ4X signing /QRPPP. I couldn't resist answering him. Warren in TN was running 50 milliwatts (YES 50 MILLIWATTS!!!). I gave him a 559 report and he gave my 5 watts a 579. I lowered my power to 1 watt and then to 50 milliwatts and Warren still copied me 439. It was a real thrill to make the 2 way QRPP QSO.

I QSY'd back to 3.562 and worked several FSFD hunters. At 0413 I had the toughest QSO of the night. I faintly heard a KK(something) calling me. I kept sending QRZ? and kept getting bits and pieces of the call. I finally realized that it was AZ ScQRPion KK7BD calling. Dan and I exchanged RST 229 reports. It sure was tough, but Dan was persistent and we made it! A couple more FSFD QSOs followed and my stint at FSFD was over.

Final tally:

20 meters	6 QSOs	TX, FL, OR, CO, ID, OK
30 meters	9 QSOs	FL, AR, NS, LA, DE, NC, TX, OK, C08
40 meters	2 QSOs	V3, SC
80 meters	10 QSOs	TX, TN, KY, MA, DE, ON, AZ, OK

Total QSOs 26 Total SPC 19

80, 40, 20 Kenwood TS520 5 watts to a 40 meter horizontal Loop at 40 ft.
30 meters NN1G SWL-30 2 watts to same antenna

See you all during the Fifty on Forty event!

72,

Tom N9DD
South Bend, IN

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [9197] Glow in the dark radios
Message-ID: <19970118.151753.8055.2.KD1JV@juno.com>

I have a Drake 2B receiver and Drake 2NT transmitter. If anyone is thinking of buying a nice classic station, this combination is hard to beat. I used to use the 2B extensively, but never fired up the 2NT. The 2NT does have a power control, wonder how low it will go?

I think the Drake 2B is one heck of a radio and if you see one at a hamfest, buy it! (They usually run about 100 bucks)

No, I wouldn't sell mine, ever. Wish I could find just the matching 2BQ speaker/ Q multiplier though.....(Usually goes like this.."How much for just the 2BQ? 150 bucks and I'll throw in the 2B...)

de KD1JV Steve in NH

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: K4NK@aol.com
Subject: [9154] Hamfest Meeting
Message-ID: <970117184516_470987609@emout16.mail.aol.com>

The Charlotte,N.C. hamfest is coming march 8&9 1997.Any of you out there who might attend like to have a QRP gathering.Let me know ,maybe we can plan something.

72 LES K4NK

How about the KL gang?

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: bachmann@ari.net
Subject: [9205] HB: Strip-X versus NC38S magnet wire
Message-ID: <199701182323.SAA21770@mtolympus.ari.net>

Hi gang,

Well, so much for my ham bravado..." it is going together tonight !!! " I wound the toroids last night, read the manual, and did a parts inventory. I'd have finished it today, but I need a 22pf NPO. That will have to wait till Monday. I did find that Strip-X will not remove the insulation on the magnet wire. The type that burns off is pretty much impervious to Strip-X.

73, Rich Bachmann, N3SLR, Baltimore, MD

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [9166] HW-8 or maybe HW-9 w/ps WANTED
Message-ID: <8D04532.00040019EC.uuout@cheaha.com>

I've gotten interested in getting a tube rig. I know, we're in a technological-maddened society now, but....I'd like to reach back and maybe actually see for myself the glow coming from a small, tube rig and maybe get a better sense of where we've been and where we're going.

I've tried on *several* occasions to purchase one or the other of these rigs, but I'm always too late....my little uuCP connection is real-time and I'm usually at work (no computer) when the ads hit the net.

So, without more ado I'm stating that I'd like to purchase a nice, clean, preferably un-modded rig. Please, no junkers, but good rigs at a fair price. Tnx.<fingers crossed....will they grow like this?<g>>

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: bachmann@ari.net
Subject: [9155] It came!
Message-ID: <199701172351.SAA20922@mtolympus.ari.net>

Hi gang,

The TiCK chip came Wednesday and the NC38S came today. I just put the coffee on...it is going together tonight!!! BTW: I can't beleive the 38 Special only cost \$25.....talk about BANG for your buck!

73, Rich Bachmann, N3SLR, Baltimore, MD

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "David F. Kurth" <dfk@col.hp.com>
Subject: [9156] It came!
Message-ID: <199701180056.AA167138960@quantum2.col.hp.com>

>
> Hi gang,
>
> The TiCK chip came Wednesday and the NC38S came today.
>
> 73, Rich Bachmann, N3SLR, Baltimore, MD
>
>

My NC38S came also. I was number #210 for those of you that are counting

Dave N0UVR Colorado Springs, CO

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [9177] LDG Group purchase complete!
Message-ID: <Pine.3.89.9701180921.A12233-01000000@w3eax.umd.edu>

Wow!

No more orders last night...

36 AT-11s

31 enclosures
31 QRP tuners
22 enclosures

Total of 60 participants - thanks to all!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [9164] LDG group purchase to close tonight!
Message-ID: <Pine.3.89.9701172238.A11436-0100000@w3eax.umd.edu>

So far...

60 purchasers
120 items (yowza!)
36 AT-11s
31 enclosures
31 QRPs
22 enclosures

Get those last-minute orders in!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: NilsBull@aol.com
Subject: [9191] Low Sunspock Numbers, Spectrum Use & Nostradamus' Nose
Message-ID: <970118132327_1992740767@emout19.mail.aol.com>

I noted a week or so ago someone saying that the MUF had dropped below 7 MHz. Ain't nothin' new if you're a SWL loonie. I've notice that such big time broadcasters as Deutsche Welle, Radio France Internationale (dum-de-dum dum-de-dum dum-de-dum-dum...), BBC (and the chimes of Big Ben) and others have been putting their transmitters on considerably lower frequencies than I

remember over a listening span of maybe 35 years. Seems the entire world is going low (limbo-limbo-limbo rock...)

Last night, while tuning around for my ex-hippie radio buddies on 75m, I came across the BBC on 3955, DW on 3995, and RFI on 3985. Clear and easily coming over the top of a handfull of splatterers on nearby frequencies. These "spottings" are on frequencies easily lower than ones that I'd noticed some months ago, those frequencies being in the 4-5 MHz "pre-tropical" bands. (And just to make sure that I wasn't hearing images or mis-tuned antenna stuff, I tuned the Sony 7600G down to those spots and, sure enough, heard the stations that I'd picked up on the Argosy.

Strange portents, these. If the solar cycle is polyrhythmic (or syncopated to a degree that Don Ellis or Dave Brubeck might consider interesting), we may be in for some interesting time. That don't mean I ain't gonna hang around on 30m. That band's starting to get like 10m was oncet: really interesting hops during the daylight hours, funny stuff around dusk and dawn and silent as a stone during the night --- except for the sounds of distant lightning discharges crackling in now and then.

Adding to that the possibilities on 160m or even for those so demented, on 1.75 km, and a pale and definitely post-pubescent sun (as in sans spots on its face) begins to look like an opportunity for some dedicated research into communication via lower frequencies. What happens, I'm sure, has been considered and recorded within technological limits before. But a quiet sun cycle, especially one abysmally quiet, will give radio researchers something completely different to work with: lower solar radiation (on a variety of spectrum spots), less dense ionospheric layering, more absorbtion of higher frequency signals and possibly propagation over longer distances of lower frequency transmissions.

Almost makes me think I need to resurrect the 1.75 km beacon project....

73
Nils
WB8IJN +c

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [9188] Milliwatt CD ROM info
Message-ID: <Pine.BSI.3.93.970118115516.4247M-100000@u1.abs.net>

Al: KU7Y forwarded your e-mail to me. You are quite right that my Veep Notes in the January issue of the QRP Quarterly mentioned that The Milliwatt (National Journal of QRPp) is now available on CD ROM, that it

said details would be elsewhere in the issue, and that details were nowhere to be found. Monte told me he that in addition to dropping 5 pages of contest results from the issue by mistake, he also deliberately withheld 15 other pages since there was simply no room--the BoD had, after all, given him a 48 page limit!

My review was to have been in that issue, but was not. I recently posted it to QRP-L when I found it wouldn't be in the QRP Quarterly until April at the earliest. If you want more info, you can send e-mail to WA8DXD, Tom Arvo, at arvo@arvo.com. (The domain name is his name since he runs a business.) The cost is somewhere in the vicinity of \$25 postpaid in the US (plus additional postage elsewhere).

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Vernon A. Hatley" <vhatley@flash.net>
Subject: [9206] More on tins...
Message-ID: <199701182343.RAA09522@endeavor>

My wife just came home from the grocery store with a box of Celestial Seasonings Herb Tea and inside was a free tin. The dimensions are 3.25 " wide X 2.5" high X .75" deep. If you need a small tin you might check it out; by the way the tea isn't too bad either. 72

--
KK5RO
Vernon A. Hatley
Shawnee, OK

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Michael Connor" <mikec@primenet.com>
Subject: [9199] NC38S
Message-ID: <199701182114.0AA17500@primenet.com>

Gang,
For those still waiting, #238 arrived in Phoenix today.

All I can say is WOW!!! (yes I'm yelling here):-)

Big thank you's to Ori, Doug, Dave, Jim, Paul, Preston...and the whole Norcal gang:-)

thirty's gonna be a-hoppin.....

Mike
NQ7K

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Brian Short <ke7gh@primenet.com>
Subject: [9201] NC38S Mod Parts List?
Message-ID: <01BC058D.048E6620@ip129.phx.primenet.com>

My 38 Special is not here yet, but I NEED to get a parts order out to DigiKey Monday and also am below the \$25 limit right now (trying to avoid the \$5 handling fee).

I'd order from Mouser, but I can't find the 2Mhz resonator (PX-200) used by the Super CMOS II and I found a couple chips by themselves (different project).

Anyway, I'd like to know the parts list required for the 5w mod, TiCK mod, RIT mod, and 5w mod-to-mod. If you do happen to have DigiKey part numbers, that would be helpful. (Not including the Rainbow Tuner or Freq Counter additions.)

TiCK chip is coming from Embedded Research, obviously.

Any other suggestions for additional/optional parts/controls that I may not have in the junk box to make the \$25 Digikey limit?

73, Brian ke7gh@primenet.com

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Roger Hightower <rhight@primenet.com>
Subject: [9183] NC38S: Look before you leap
Message-ID: <32E0F32C.78D5@primenet.com>

While checking out the manual, and gathering up the parts needed to add the 5W, RIT and TiCK mods, I note that a number of components need to be removed/replaced for these mods.

If you plan on doing it all at once like I do, then think about some things. The RIT mode required that L1 be replaced with a 6.8uH molded choke. Save some time and don't even wind L1; the core make a nice

addition to your junk box.

Similarly, the TiCK mod doesn't use R15, R16, R17, C31 and D8. Set these aside in your junk box. _Then_, if you're planning on Mike, K1MG's mods to the 5W mod, don't install R101 and C101. Install the wire jumper at C101. Change C26 to 330 pF. As soon as we find out what happened to Step 2 of Mikes post, check that out.

It'd be a shame to mess up such a fine board with a bunch of desoldering attempts.

Mike: What's step 2 in your mod-mod?

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC-40A, OHR Explorer 20, 30M, OHR400, HW-8, HW-9 and more
to come.
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: ccashion@spdmail.spd.dsccc.com (Charles Cashion)
Subject: [9180] nipping ???
Message-ID: <199701181511.JAA13323@spd.dsccc.com>

So, Frank, can we add "nipping" to the list?
-cc

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: /PN=D.DALE-JOHNSON/OU=CEC4317.UIT/@SASK.drhc-hrdc.x400.gc.ca
Subject: [9194] Power supply construction from PC power supply parts
Message-ID: <"0128sgwmyggu*/PN=D.DALE-JOHNSON/OU=CEC4317.UIT/O=SASK/
PRMD=GC+DRHC.HRDC/ADMD=GOVMT.CANADA/C=CA/"@MHS>

I read the QRP-L digests when I have time, and find them very interesting. A few weeks back, someone mentioned that computer power supplies were not suitable, but indicated that they had posted a design to use some of the parts. I have not found the posting using the archive search.

I have a few PC power supplies, salvaged from stuff on the way to the garbage (most just with dead fans). Out of these, I'd like to try to make the following supplies;

16.5v to 2A max current.
4.8-6v variable, to 3A max current

12 to 16v (not variable, just somewhere in there) to at least 8A max current

I have been saving up some projects! The first two are not for rigs, but the third is for my 2m rig (QRO as I have a "no code/no build" licence still).

I was hoping that someone could point me the right direction for regulated supplies. If someone has a posting about it, or a favorite electronics text (I know basic theory and building), that would help. I can get pretty much anything through my library, and I'm not afraid of reading/research, but I have no idea where to start.

Thanks in advance.

Doug Dale-Johnson, VE5AV

Reply to: d.dale-johnson@sask.drhc-hrdc.x400.gc.ca

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997

From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>

Subject: [9170] Reamer

Message-ID: <M1241014.001.6vwxw0.1.970118054419Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Roy

I've been using a tapered reamer for years. They are great for folks like myself who are mechanically challenged. For those who have not used one, I offer the following caution.

A tapered reamer can be as overenthusiastic as a coarse file in removing metal. Using one, when you get near the hole size you want, use a light pressure and twirl it fairly quickly so it does not bite deeply. If you are trying to enlarge a hole just enough to allow an LED to be press fit into it, even a slight excess in removed metal ruins the hole for what you planned. Use the reamer to get close, then finish with a fine round file.

For UHF coax receptacle holes (5/8" diameter), I use my old Pioneer 5/8" two piece chassis punch. We used to use them for socket holes for 7-pin miniature tubes. The 9-pin miniatures used a 3/4" diameter punch.

Don't know if Pioneer is still in business, or who else might make these punches. I'm not parting with mine :-).

72, Bob N6WG

Newark, CA

On the shores of San Francisco Bay

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Dean Marzocca" <n2tnn@ifu.net>
Subject: [9202] Surprise, surprise!!!
Message-ID: <199701182244.RAA19011@mail.ifu.net>

Talk about Christmas all over again. I can't take the excitement. First the phone rings and it's Paul Stroud the Net Control for the Knightlite Net just calling to say hello. We talked about ham radio in general and focused in on QRP as would be expected. One thing we have in common is a very good path between our stations. Right antennas, good orientation and the perfect distance for an 80 meter QSO, just like clock work, every Sunday night. It's always nice to hear a friends voice, especially for the first time. It also sounds like we made plans to operate together at Field day this year out in Pennsylvania.

How can it get any better, well, just check the mail box if you had an order in for a NC38S. Wow, it came today and what a great little radio. Its not just the package that came today or what is in it but how many hours of fun and enjoyment that I know will follow. And the smell of solder is better than a cup of high caffeine coffee. The eyes get blurry but the mind keeps sharp. Thanks to the California crew and all auxilliary personnel that put the kit together. Remember to get that order in to the NJ boys for the rainbow tuner. We are going to get a first hand taste of what it is like to be the number one tuner kit assemblers on the east coast. Master Joe has us hoppin' and we will be fillin' bags before the snow melts.

Two surprises in one day. Maybe I should get to bed now, don't think I could handle surprise number three if it walked in the door right now.

72/73, Dean, NJ, N2TNN, QRP-L # 560

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Kevin C. Potter" <k5vp@earthlink.net>
Subject: [9169] Thanks!
Message-ID: <32E065B9.5386@earthlink.net>

Thanks so much for ALL the newbie questions I had.

I found the all reponses very generous & encouraging.

I really enjoy this list.

I should be on the air within a month, I look forward to qso-ing with you all.

Thanks again!

Kevin

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Joseph L. Hartmann, Jr." <joe@sugar-river.net>
Subject: [9158] THE PHILLIPS CODE: BI-CENTENNIAL EDITION
Message-ID: <Pine.BSD/.3.91.970117210051.19423A-100000@arakis.sugar-river.net>

"The Phillips Code" Bi-Centennial Edition

We now have the BICENTENNIAL edition wrapped in ascii, where it hopefully will survive to provide present and future historians of the Telegraph a snapshot of history.

If you want a copy of the Phillips code (and the american morse) with the Introduction and the biographical note on Walter Polk Phillips both by Dr. E.Stuart Davis, send me email re PHILLIPS.

The file is 153 K.

There is no charge for this copy, and I am placing it in the public domain as a small memorial to my friend, Stu.

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [9175] Tins, an alternative?
Message-ID: <853595627.915098.0@gqrpclub.demon.co.uk>

Seems the US has gone daft on tins, mint tins, sardine tins, tuna tins but wait is there an alternative? Maybe you don't have to scorch the paint off your doors with hot mint breath or have all the moggies in the neighbourhood clambering over your dust bin... Read on...
How's about using plastic boxes and nipping along to the local hardware shop and buying some of that lovely self adhesive aluminium strip, about 2" wide? Line your box with it ensuring continuity if you need shielding

(often not necessary anyway) and away you go. 'Tis a lot easier to work with than metal boxes! Even those awkward meter holes are a sinch.

For the sake of those across the Pond, I append a short list of translations.

DAFT = CRAZY
SHOP = STORE
NEIGHBOURHOOD = NEIGHBORHOOD
MOGGIES = CATS
SINCH = BREEZE

Smile, you will feel better for it!

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web sites: <http://www.gqrpclub.demon.co.uk>
<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [9161] Tuner test results II
Message-ID: <199701180321.WAA23668@mh004.infi.net>

Gang, here is another tuner test summary. This includes the St. Louis tuner.

The tuners listed are the MFJ-949E, (MFJ-948E), the EMTECH ZM-1, and the St. Louis tuner. The ZM-1 is a Z-Match tuner, and the MFJ-949E and the St. Louis are the C-L-C "T" design.

It is important to remember that the information below is a summary, and cannot indicate performance on any individual SWR/Frequency combination. Each tuner may show excellent performance under certain conditions, and perform less than desireably under other conditions. Some perform better on certain frequencies than others. It is important to remember also that these results are based on testing one or two tuners which may or may not be representative of all of the tuners of the same model. (particularly true of kits which may have variations in wire routing)

The tuners were tested for four conditions:

RANGE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, that could actually be tuned to 1.1:1 SWR or better.

Results:

MFJ-949E 137/162 (137 out of 162 possible)
ZM-1 140/144
St. Louis 138/144

EFFICIENCY - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which resulted in less than 20% (approx. 1 db) power loss.

Results:

MFJ-949E 49/162
ZM-1 60/144
St. Louis 1/144 (not an error)

SWR BANDWIDTH - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which enabled a tuning range greater than 5% of the primary frequency. (5% on 7.2MHz is 360Kc) (Once the tuner is set, how far can we tune from the frequency before SWR climbs to 1.5?)

Results:

MFJ-949E 73/162
ZM-1 61/144
St. Louis 77/144

BALANCE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, indicating a balanced output with less than 1.5:1 difference between the lines.

Results:

MFJ-949E 52/81
ZM-1 72/72
St. Louis 72/72

In the near future I will be testing the Supre Tee, available from Kanga, the Murch 2000 and the LGD Electronics Automatic tuner.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997

From: dannyayers@juno.com (Danny K Ayers)

Subject: [9189] Web Graphics was: Propagation Information

Message-ID: <19970118.114640.11431.2.dannyayers@juno.com>

On Sat, 18 Jan 1997 06:31:10 PST dwink@juno.com (Daniel C Winkler)
writes:

<SNIP>

> Please leave out the fancy backgrounds and button bars. I
>doubt that anyone using this list will be much impressed, anyway.
>Keeping it simple is more in line with our philosophy of doing more
>with less.

<SNIP>

AMEN! Nothing is worse than a graphics intensive page that I can't
navigate with the "load graphics" option turned off. I hope Web authors
soon realize that a picture is not ALWAYS worth a thousand words...
especially at 14.4K baud and less ;-)

73,
Danny- WX4P
Huntsville, AL

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [9176] Web pages
Message-ID: <853595636.915127.0@gqrpclub.demon.co.uk>

I am hoping to have a search facility soon on my web pages, but if anyone
needs any files and cannot get them, perhaps cannot use a browser for
whatever reason, let me know and will email the files to you direct.
Enjoy your radio.

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web sites: <http://www.gqrpclub.demon.co.uk>
<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: SNickrand@aol.com
Subject: [9187] Where is G3YCC?
Message-ID: <970118115903_2056891552@emout01.mail.aol.com>

Do I have the wrong address or won't AOL let you go there? The address I'm
using is:

g3ycc@gqrpclub.demon.co.uk

I've also used
g3ycc@gqrpclub.demon.co.uk/ (for what its worth)

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [9178] Re: AE4IC's next Contest
Message-ID: <199701181444.JAA14698@mh004.infi.net>

Hi Jim,

At 03:37 PM 1/17/97 -0500, you wrote:

>Hey Bob,

>

> With the success of the 49'er contest behind you, it's time for

>

> Operation TESTIFY

>

> Thirty Eight Special To Indefinitely Forestall Yardwork.

Jim, first, I want to thank you publicly for the time and effort you're putting into the FSFD project to make it a success. It's a great idea, it's different, and it's working out well. It's also a big job to coordinate and keep the schedule up to date. So, thanks, Jim, from all of us!

A contest would be great fun. - And of course, my 38 Special is on it's way. I wouldn't mind setting one up, but I don't think we ought to violate the "No Contests" agreement on 30 meters.

There are ways we could work around the agreement and still have our "QSO Party". But, this would just be using technicalities to violate the intention of the agreement. IMHO that's one of the things wrong with the way laws and rules are treated in today's world.

OTOH, It might be fun to just keep a running total of 38S/38S contacts this summer, and attach it to our signature files. There are probably lots of non-contest games we could play, something like Fox hunts or the FSFD. Let's be creative. Who's got some ideas?

CUL,

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [9185] Re: AE4IC's next Contest
Message-ID: <199701181628.JAA05330@dancris.com>

At 09:44 AM 1/18/97 -0500, you wrote:

>. There are probably lots of
>non-contest games we could play, something like Fox hunts or the FSFD.
>Let's be creative. Who's got some ideas?

>

>

You could do an FSTM like the FSFD, but that might conflict with the TMPS, no?

Where are all you guys in the MIQRP test?

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: WD6BOR@aol.com
Subject: [9165] Re: Atomic Keyer
Message-ID: <970117230204_579799799@emout08.mail.aol.com>

Ray,

I also got an Atomic Keyer and put mine in an Altoids box complete with a camera battery. It will go together with my 40-9er in an Altoids box and Rainbow tuner in an Altoids box to make my version of a complete, but small and red, station including, of course, my little red Whiterook paddles. Let others talk about their Collins station...

Darrel, WD6BOR

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: NilsBull@aol.com
Subject: [9192] Re: Badgers & Paul's NC38S 5 watt mod +c
Message-ID: <970118132352_615614881@emout01.mail.aol.com>

In a message dated 97-01-18 05:38:52 EST, prvalko@Oakland.edu (Paul R. Valko)

writes: "Is it me, or is there a step #2 missing from above?"

Nope. It ain't you. The badgers ate Step 2. They thought it was a 12 step program and got the 2 by mistake. Tomorrow the extraterrestrial thespians will bring it back to you in a dream about Hindu holy cards. Then you'll get the entire schematic for the universe and spend the rest of your life trying to have a QSO with it.

I hope that all this stuff ends up in a big file somewhere so we can get all the up-to-date info at once. Won't that be fun? Build it. Get it working. Modify it. Blow it up. Rebuild it. Get it working. Modify the modifications. Blow it up. Get the pistol. Take two badgers and some rabbit venom out to the woods and spin around 6 times while chantin "I will not put a gash in my forehead! I will not put a gash in my forehead!" Then say "The dish washer is not broken." Go back home, call the pope via long path and request a payroll indulgence. Indulge yourself. Run the Joberg. Collect all the ashes of L. Ron Hubbard. Pet the badgers. Drink the rabbit venom. Unplug the soldering iron. Everything is ok. You're just not bizarre enough.

73

Nils

WB8IJN

Lurking on 30m just incase the swelling on my forehead goes down before the band changes again.... A counter and a clock? Yipes! This high tech revolutionary stuff is getting very, very bourgeois. Damn Trotskyites!

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997

From: NilsBull@aol.com

Subject: [9203] Re: Digital Readout for 38 Special with 24 hour Clock

Message-ID: <970118175708_1377972292@emout06.mail.aol.com>

In a message dated 97-01-17 13:40:15 EST, ki6ds@dpol.k12.ca.us (Doug Hendricks) writes: "I remember when a direct conversion kit was over \$100.

We are the beneficiaries of a wonderful age of technology. Guys like Ori, Gary & Brad, and Mike are doing tremendous things by working together and letting the rest of reap the harvest of their efforts."

That's sure the truth. And along the way to causing more trouble, I came across this info while stumbling around looking for ways to raise a knot on the left side of my forehead to match the one I now have on the right. To wit:

RE: digital display & a 24 hour clock, guessing that Doug might have been right, I sneaked onto AOL without getting slammed and got this info on "Blue Sky Engineering." -----

Michael A. Gipe -- Blue Sky Engineering Co.

Michael A. Gipe, P.E. Blue Sky Engineering Co., 400 Blossom Hill Road, Los Gatos, CA 95032 [Contact information: Business: 408-356-4420. Fax: 408-356-4650... http://www.patca.org:8082/patca/dir/Gipe_Micahel_a..html...] & some other stuff. I'd bet that there's a more direct route to BSE without going through what appears to be a catalog web site (PATCA Directory... part of the address above...).

I tried the web site address but got no answer/screen. Guess it might be that I'd grabbed the wrong letters or something. Anyway, that's that. I'd like to see some more info on these little doodads. It's like turning into some pretty neat stuff. A bit more than the revolutionary guerilla radio that I'd been goofing on building. But, what the heck, even "splittists" have to know the time, ne? After all, if the bombardment starts at 0600, is that Gulja time or is that Beijing time? (Did you ever notice that ALL of China is ONE time zone. Weird. Damn Trotskyites.)

I also got the website for AADE (Almost All Digital Electronics) that Rich had mentioned and found there a couple pages of stuff. Pictures of the counter/dial/whatever board/kit, a schemo of same, and info on the LC meter. I looked at the LC meter and wondered which I'd need more... L or C. Which reminds me, I gotta go to the liquor store.

Oh, by the way: the Compaq guy came over to resurrect Cindy's machine. He put in all new hoses, a new harddrive, a new motha board and some other stuff. Then it turned out that the "quickrestore disk" that Cindy'd had to send for was badgered. One of the disks (the one that preloads all the stuff to set up Windows95) was broken as if it'd been hit by the corner of a pointy object. (Pretty amazing that Compaq doesn't put the software what comes on the machine in with the machine... you have to send off for it) And the kicker? The repair guy didn't have his own copy of the restore stuff. Screwdrivers, yeah. Software for the machine? Nay.

Me, I do twenty-five years in operation, repair and assembly (USN, newspaper composing room equipment, Drake, WSU), always made sure that I had everything I might need to fix or install or assemble or use some kinda techno-doodad. And the Compaq repair guy ain't got the software. (Compaq might ship on Monday... who knows.... so it might be here by Wednesday... maybe... who knows.... Sorry. Sign here. See ya.) What the hell is a "service economy"?

We all have our problems. Yeah. And tomorrow I'm getting a shipment of duck-billed mango lizards to help me clean up the attic. You should see them little suckers work. Makes the badgers look like pikers at a kindergarten stick ball game.

73 & see youze on 30 meetrons

Nils

WB8IJN +c

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: ka7you@juno.com
Subject: [9208] Re: Digital Readout for 38 Special with 24 hour Clock
Message-ID: <19970118.154907.2702.5.KA7YOU@juno.com>

I found an old CB radio cabinet that works very well for a cabinet. The front panel can be easily replaced with a new aluminum insert, and the back has a similar construction. It looks like it would be easy to shorten it's length (front to back) also.

You might look at a couple of \$2 flea market specials for one with a similar construction. I was also able to use a lot of the components inside for projects.

7 3,

Rod Johnson KA7YOU CN97AK 160M thru 1296MHz
NWQRP #120 ARCI-QRP#7251

On Fri, 17 Jan 1997 13:02:31 -0700 Roger Hightower <rhight@primenet.com> writes:

>Wow! This isn't a kit for a tin box anymore. Have to get something
>seriously radiolike to mount all this stuff in, :-)

>--

>72/73 de Roger N7KT Mesa, AZ Grid DM43cj

>NorCal 40-9er, NC-40A, OHR Explorer 20, 30M, OHR400, HW-8, HW-9 and

>more

>to come.

>NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

>

>

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [9184] Re: Direct Digital Synthesiser & shaft encoders
Message-ID: <Pine.OSF.3.95.970118101555.23753A-100000@duke.usask.ca>

On Thu, 16 Jan 1997 NilsBull@aol.com wrote:

> stingy in his old age, you'd think he'd forgotten about the time I put the
> Harley down his shirt at the buzzard milkin' contest! Jeeezh! But maybe you

Q. I didn't know buzzards gave milk?

A. They don't, you have to fight for every drop.

```
+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| A Thought for Christmas: |
| The only decent thing to do behind someone's back is pat it! |
+-----+
```

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "M. Monninger" <markem@primenet.com>
Subject: [9204] Re: Glow in the dark radios
Message-ID: <3.0.1.32.19970118160519.0093e180@mailhost.primenet.com>

Steve is right...Drake made some excellent radios. The 2 and 4 series are fine rigs and will still hold their own. I have a set of 4-B twins and a Collins KWM-2 and I think the Drake twins are better radios than the KWM-2 (in all fairness, the Drakes are 10+ years newer and the KWM-2 is designed for different use).

As for QRP use, I think they could probably be turned down to QRP levels but it strikes me as a bit ironic that they probably draw considerably more filament power than they would be outputting. Really, the KWM-2 draws 11 Amps at 6.3v and I imagine the Drakes would be somewhere near that. And that's just to light the filaments.

The Heath HW-16 makes a decent QRP rig with some mods that are floating around somewhere on the net. Also, there is a "glowbugs" mailing list that covers small, simple, homebrew, and usually QRP tube-type radios. Don't forget the "boatanchors" list and newsgroup. I know that several qrp-l'ers also follow them.

In reality, the old-timers among us probably ran QRP or close to it "back in the old days" when we ran DX-20's and one or two tube HB xmtrs. I know my 1961 Novice station probably didn't put more than a couple watts out to the antenna.

No doubt about it...the old toob rigs are definitely cool. OTOH, you gotta admire the nifty stuff that's available like the 49'er and NC38S.

73... Mark AA7TA (Another Olde Pharte working thru a mid-life crisis

by buying toys he could never afford in his childhood ;-)

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997

From: Clay N4AOX <wyn@worldnet.att.net>

Subject: [9196] Re: Matching 102 ft Dipole #2

Message-ID: <32E125C0.1FF7@worldnet.att.net>

Chuck (Jack) Hawley wrote:

>

> Chuck (Jack) Hawley wrote:

> >

> > > I wrote:

> >

> > >I haven't found the impedances obtained from the antenna analysis

> > >program(s) to be all that accurate or usefull.

>

> At 3.875MHz Eznec gives 450+j2000

> Measured gives 220+j1800 (measured at the bottom of the 4"

> open wire line and figured backwards to the antenna feedpoint with

> Microsmith.

>

> At 1.940MHz Eznec gives 18-j340

> Measured gives 30-j350

>

> So the antenna program is fairly accurate on the reactive part of the

> impedance and off by 100% on the resistive part.....

>

Chuck,

Thanks for debunking the modeler/reality link. It seems the modelers can mislead as well as anything we have ever experienced. You may notice that Cecil always stresses this. The use of impedance bridges, the W6RCA "Ladder Lizard", and other measurement tools can't be overemphasized when working with actual antennas.

W6RCA has obviously worked many hours experimentally evaluating his "near lossless" antenna and feed systems. I hope everyone is taking advantage of his experience. I was wondering if we could get Cecil to make a presentation at the FDIW this year?

72/73,

Clay N4AOX

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [9174] Re: NC38S: Mods to the 5 watt mod, long
Message-ID: <Pine.OSF.3.95.970118053255.15913A-1000000@vela.acs.oakland.edu>

On Fri, 17 Jan 1997, Michael A. Gipe wrote:

> The mod is:
> 1. Remove R101
> 3. Replace C101 with a wire jumper.
> 4. Change C26 to 330pF. (Thanks to Paul Harden for this suggestion,
which helps stabilize things.)
> 5. Carefully adjust TC2 for clean sine wave output.

Hmmm... I just got my six 38 specials to doll out to some friends at a swap this weekend. So I am collecting all the errata now.

Is it me, or is there a step #2 missing from above?

Wow! What a BARGAIN for \$25! Un-be-leivable!!!

73! =paul= w8kc

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [9179] Re: Propagation Information
Message-ID: <19970118.065322.4919.1.DWink@juno.com>

On 17 Jan 1997 11:43:40 +0000 Dave.Ackrill@westwood45.powergen.co.uk writes:

> The RSGB Propagation Studies Committee (PSC) has developed a page

> The first page will not have some of the fancy graphics or
> backgrounds

Gentlemen,

If I may make a plea...

One thing slowing the web down is the ornate graphics that accompany many sites. They convey no useful information but certainly slow the transfer of files.

Please leave out the fancy backgrounds and button bars. I doubt that anyone using this list will be much impressed, anyway. Keeping it simple is more in line with our philosophy of doing more with less.

Thanks for the BW

73 ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA
----- Whom the gods would destroy, they first make proud -----

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bob Roach <KE4QOK@worldnet.att.net>
Subject: [9162] Re: QRP LIST IDEA: Longer, more informative subject lines
Message-ID: <19970118032649.AAD18207@LOCALNAME>

At 06:14 AM 1/17/97 +0000, you wrote:

>On G-QRP-L, each of their reflected postings are prefixed with
>"GQRP:" I kinda like that idea. Maybe we can get QRP-L to prefix
>the subjects with "QRP:" or "**" or something to positively identify
>those emails that are reflected via QRP-L.

Hey Guys,

I like this idea. I too sometimes have a time conflict and would like to be able to sort more effectively. My reader allows "sort by subject" which would allow me to pull out the important stuff if all the QRP-L messages had a prefix. Most anything would work, even a two letter combination that does not normally appear in the language (like QR or QRP if you want to go all the way overboard).

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Bob Roach <KE4QOK@worldnet.att.net>
Subject: [9163] Re:Shareware source Radio, Antenna, ect. ect.
Message-ID: <19970118032649.AAE18207@LOCALNAME>

At 02:04 PM 1/17/97 +0000, you wrote:
>I've heard about software for modeling and designing HF center-fed,
>groundplane, wire and other antennas.

Hi Jay,

The following address is a shareware search engine. I used it to find and antenna program called NEC4WIN (try search for NEC4). This program is probably just what you are looking for. I have installed it and looked at it but not had a chance to use it much.

><http://www.shareware.com/>

(o o)

-----o00_()_00o-----

73 es TNX

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136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

From owner-qrp-1@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [9195] Re: Tins, an alternative?
Message-ID: <32E121EB.1482@rakefet.com>

Frank,

Don't forget

DUST BINS = GARBAGE CANS

Vic K2VC0

From owner-qrp-l@Lehigh.EDU Sat Jan 18 18:02:49 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [9159] RE: Yaesu, Ten Tec reflectors.
Message-ID: <01BC04E7.CE4F6F00@ip007.phx.primenet.com>

Yes, there are Yaesu and Ten Tec reflectors at contesting.com.
To subscribe:

T0: yaesu-request@contesting.com
SUBJECT:
BODY: subscribe

T0 tentec-request@contesting.com
SUBJECT:
BODY: subscribe

>>I saw your posting on the QRP-L reflector regarding your Web page
>>and info on a Yaesu reflector. Unfortunately, I am running an older system
>>that's too slow for most of the graphics on the web. I tried to see if I
>>could find the info but didn't have any luck. Would you mind e-mailing me
>>the info or posting it on QRP-L ? Also, I believe that I saw a message that
>>had a carbon copy checked to Ten Tec. Is there a reflector for that brand as
>>well? I would appreciate any info on that one as well. Thank you for your
>>time and troubles.

>>
>>73,
>>
>>Dave N0KM
>>
>><davalnew@csn.net>

No trouble, but while I'm at it, what are the official 40m
QRP frequencies where you guys hang out?

73, Brian ke7gh@primenet.com